
FIRE FACT NO. 061 CHECKLIST(s) :

TITLE : CODE FOOTPRINT

CHECKLIST ITEM(s) :

REFERENCE(s) : K.A.R. 22-1-3 (f) Section 106.0

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Kansas Statutes assign the Kansas State Fire Marshal Office the responsibility of establishing reasonable and uniform regulations to ensure a minimum level of life safety by providing exiting, occupant notification, fire detection, and suppression in buildings. Refer to the matrix on the back page of this guide for the occupancies for the KSFM reviews and inspects. These regulations form the Kansas Fire Prevention Code. In order to meet the intent of the Kansas Fire Prevention Code and other Kansas Statutory requirements, **new construction and changes in building use** (see matrix on back page) **is required to:**

- a) be under the direct supervision of a licensed design professional (architect or engineer).
- b) be designed and constructed to the criteria established by one of the three model building codes adopted by Kansas regulations.
- c) Either have plans reviewed for compliance to code intent and/or receive a building permit from a local building official and/or fire authority (where available) with building inspections during construction and receive a certificate of occupancy prior to formal use.

Kansas architects, engineers, building code officials, and fire officials shoulder the responsibility for providing third party objective evaluation of the fire safety features of newly constructed buildings. Resources may not be readily available to verify new construction is designed and built to meet the intent of the Kansas Fire Prevention Code. The major participants of the fire protection team are the building owners & operators, the local inspection authorities, the Kansas State Fire Marshal's Office, and the licensed design professionals. These major participants must work together to facilitate the efficient use of resources. Fire protection and life safety features must be included in the original design concept and not "retrofit" at a later stage.

The Kansas State Fire Marshal's Office is leading the effort to capitalize on the effectiveness of plan review to ensure a higher degree of quality in new construction. Architects generate building designs to protect occupant safety and well being, but much of the code criteria used to design and construct the building is not formally recorded. Coherent code inspections of plan submittals are therefore nearly impossible.

KANSAS LICENSED ARCHITECTS AND ENGINEERS: PLEASE DO NOT SUBMIT COMPLETE CONSTRUCTION DOCUMENTS TO THE KANSAS STATE FIRE MARSHAL FOR REVIEW.



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The “*code footprint*” provides formalized criteria into a unique format providing a “snapshot” small scale building plan with key code information shown in a contextual form. The “*code footprint*” reduces redundancy and increases the coordination of effort among all participants involved with new construction. A sample code footprint is included in this guide.

KANSAS STATE FIRE MARSHAL CODE FOOTPRINT REQUIREMENTS

All submittals of new buildings and additions to be reviewed and approved by the Kansas State Fire Marshal’s Office are required to provide the following information.

CODE FOOTPRINT FORMAT :

- Provide a full size drawing.
- Complete floor plan (including existing and new) of each floor of the facility.
- An 11” x 17” sealed reduction of the full sized drawing.

INFORMATION REQUIRED ON DIAGRAMS :

- A graphic bar scale.
- North arrow.
- All permanent partitions 5’-9” or taller.
- Each room labeled (Keynoting or legends are acceptable).
- Each assembly room shall list its occupant load under the room name.
- Identify new construction, existing to remain, remodeled areas, areas relocated.
- Stair & shaft enclosures with minimum fire resistive openings allowed.
- The perimeter of all rated corridors with minimum fire resistive openings allowed.
- Occupancy separations or protection from hazards.
- Fire rated area separation walls
 - dividing diverse construction types or
 - for consideration of portions of a facility as a separate building and
 - all required opening ratings.
- All horizontal exits or smoke partitions with opening ratings.
- Location of central fire alarm control panel and any remote annunciator panels
- Fire department supply connections and fire department access roads.
- Distances to property line.
- Distances to adjoining buildings when within 60 feet.
- Location of any anticipated future additions (dotted lines).

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NARRATIVE REQUIRED

Indication of which codes the new construction work designed to (UBC and family of codes, BOCA and family of codes, SBC and family of codes and any additional state regulations specifically applicable to the building use).

Type of construction: New, addition, or renovation, changes in use.

Reason for Submittal: New construction, New licensure, or Plan of Corrections.

Location: Street address, City, State, Zip, County

Owner Information: Name, Address, City, State, Zip, Phone, FAX.

Date of Plan Edition (or revision):

Name of Local Fire Department (providing service):

Name of Local Building Inspection Department (when available):

Each portion of a building on each side on a compliant fire resistive area separation wall shall provide narrative information on the submitted sheet related to the following:

- New or Existing

- Each occupancy group and type

- Type of construction

- Total allowed area per floor

- Actual floor area

- Approximate grade elevation at each corner of the building and finish floor

- Allowed stories and height limitations

- Actual height

- Mixed ratio calculations as required

Structural Fire Protection Ratings

- Interior bearing walls

- Exterior bearing walls

- Exterior nonbearing walls

- Structural frame

- Permanent partitions

- Shaft enclosures

- Floors

- Roofs

- Exterior openings

- Proposed UL, FM, or other fire assembly numbers (if available)

Fire Safety Features: including sprinklers, standpipes, fire alarms, fire extinguishers, smoke detectors, battery emergency lighting, exit lights, emergency power generators, hood suppression systems, any other special systems, fire lanes, disconnect switch locations, and fire department connections.

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KANSAS STATE FIRE MARSHAL'S OFFICE PLAN REVIEW OCCUPANCIES									
Verifies new building construction in Kansas meets intent of the Kansas Fire Prevention Code by:									
Building Occupancies	KANSAS STATE FIRE MARSHAL PREVENTION DIVISION			CONSTRUCTION DOCUMENTS/INSPECTIONS			DEPT. OF EDUCATION	(STATE) DIVISION OF ARCHITECTURAL SERVICES	LOCAL FIRE OR BUILDING AUTHORITIES
	FINAL CODE FOOTPRINT	Reviews	Receives	Receives and/or reviews construction documents	Inspects completed construction	Accepts plan review of other authorized agencies			
New health care, detention, and residential board and care buildings or additions	REQUIRED	YES	NO	YES		YES	N/A	N/A	YES
New school buildings	REQUIRED	YES	NO	YES		Dept. of Education Findings	YES	N/A	YES
School additions to existing buildings	REQUIRED	YES	NO	YES		Dept. of Education Findings	YES	N/A	YES
Modifications of schools exiting, fire resistance, or handicapped access-egress	YES	YES	NO	YES		Dept. of Education Findings	YES	N/A	YES
New state buildings	Per agreement with the Division of Architectural Services	Per agreement with the Division of Architectural Services	NO	YES		Division of architectural Services findings	N/A	YES	NO
Sprinkler/fire alarm plans for health care, detention, schools, state buildings, and residential care facilities	YES (plans submitted per applicable code)	NO	YES	YES		YES	NO	YES	YES EXCEPT STATE BUILDINGS
All others	NO	NO	LIMITED	LIMITED		YES	N/A	N/A	YES

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